

Workshop Manual Audi A6 2011 ➤

Technical data for diesel engines

Engine ID	CPN B	CGL D	CZVF	CDU D	CGL C	CRT D	CTC C	CNH A	CGQ B
	CLAB	CDU C	CRT E	CVU A	CVU B	CZV A	CSU E	CKV C	CLAA
	CGL E	CRT F	CTC B	CSU D	CZV B	CZV C	CZJA	CKV B	DDD A
	CMG B	DDC A	CZV D	DDC B					

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List of Workshop Manual Repair Groups

Repair Group

00 - Technical data



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Technical information should always be available to the foremen and mechanics, because their careful and constant adherence to the instructions is essential to ensure vehicle road-worthiness and safety. In addition, the normal basic safety precautions for working on motor vehicles must, as a matter of course, be observed.

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00 – Technical data

1 Overview of engines

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1.1 Overview of engines with adjustment values (oil gauge tester T40178)

Audi A6, Audi A7 - vehicle model code 4G ⇒ [page 1](#)

1) Not available at time of publication.

1.1.1 Audi A6, Audi A7 - vehicle model code 4G

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Diesel engines

Engine code	Engine type/ number of cylinders	Capacity [ltr.]	Injection system	Power output [kW] (rpm)	Torque [Nm] (rpm)	Camshaft drive	Stroke [mm]	Bore [mm]	Compression ratio [∶1]	Adjustment value for adjusting ring	Min. oil level	Max. oil level
CDUC	V6	3.0	TDI common rail	180 4000-4500	500 1400-3250	Chain	91.40 0	83.00 0	16.80	83	0	16
CDUD	V6	3.0	TDI common rail	180 4000-4500	580 1750-2500	Chain	91.40 0	83.00 0	16.80	83	0	16
CGLC	R4	2.0	TDI common rail	130 4200	380 1750-2500	Toothed belt	95.50 0	81.00 0	16.00	46	0	24
CGLD	R4	2.0	TDI common rail	120 4200	380 1750-2500	Toothed belt	95.50 0	81.00 0	16.00	46	0	24
CGLE	R4	2.0	TDI common rail	100 4200	350 1750-2500	Toothed belt	95.50 0	81.00 0	16.00	46	0	24
CGQB	V6	3.0	TDI common rail	230 3900-4500	650 1450-2800	Chain	91.40 0	83.00 0	16.50	87	0	12
CKVB	V6	3.0	TDI common rail	180 4000-4500	500 1400-3250	Chain	91.40 0	83.00 0	16.80	87	0	12
CKVC	V6	3.0	TDI common rail	180 4000-4500	580 1750-2500	Chain	91.40 0	83.00 0	16.80	87	0	12
CLAA	V6	3.0	TDI common rail	150	450	Chain	91.40 0	83.00 0	16.80	87	0	12



En- gine code	En- gine type/ num- ber of cylin- ders	Ca- pacity [ltr.]	Injec- tion sys- tem	Power output [kW] (rpm)	Tor- que [Nm] (rpm)	Cam- shaft drive	Stroke [mm]	Bore [mm]	Com- pres- sion ratio [:1]	Ad- just- ment value for ad- juster ring	Min. oil lev- el	Max. oil lev- el
			mon rail	3250- 4500	1250- 3000							
CLAB	V6	3.0	TDI com- mon rail	150 3750- 4500	400 1250- 3500	Chain	91.40 0	83.00 0	16.80	87	0	12
CMG B	R4	2.0	TDI com- mon rail	130 4200	380 1750- 2500	Tooth- ed belt	95.50 0	81.00 0	16.00	46	0	24
CNHA	R4	2.0	TDI com- mon rail	140 3800- 4200	400 1750- 3000	Tooth- ed belt	95.50 0	81.00 0	15.50	10	0	18
CPNB	V6	3.0	TDI com- mon rail	176 4000	580 2100	Chain	91.40 0	83.00 0	16.80	87	0	12
CRTD	V6	3.0	TDI com- mon rail	200 4000	580 1700- 2750	Chain	91.40 0	83.00 0	16.00	99	0	13
CRTE	V6	3.0	TDI com- mon rail	160 4000	500 1700- 2750	Chain	91.40 0	83.00 0	16.00	99	0	13
CRTF	V6	3.0	TDI com- mon rail	155 4000	500 1700- 2750	Chain	91.40 0	83.00 0	16.00	99	0	13
CSUD	R4	2.0	TDI com- mon rail	110 3000- 4200	350 1500- 3000	Tooth- ed belt	95.50 0	81.00 0	16.20	10	0	18
CSUE	R4	2.0	TDI com- mon rail	100 2750- 4400	350 1500- 2750	Tooth- ed belt	95.50 0	81.00 0	16.20	10	0	18
CTCB	V6	3.0	TDI com- mon rail	155 4000	400 1250- 3500	Chain	91.40 0	83.00 0	16.80	87	0	12
CTCC	V6	3.0	TDI com- mon rail	160 4000	400 1250- 3500	Chain	91.40 0	83.00 0	16.80	87	0	12
CVUA	V6	3.0	TDI com- mon rail	235 4250	650 1450- 2800	Chain	91.40 0	83.00 0	15.50	87	0	12
CVUB	V6	3.0	TDI com- mon rail	240 4250	650 1450- 2800	Chain	91.40 0	83.00 0	15.50	87	0	12

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En- gine code	En- gine type/ num- ber of cylin- ders	Ca- pacity [ltr.]	Injec- tion sys- tem	Power output [kW] (rpm)	Tor- que [Nm] (rpm)	Cam- shaft drive	Stroke [mm]	Bore [mm]	Com- pres- sion ra- tio [:1]	Ad- just- ment value for ad- juster ring	Min. oil lev- el	Max. oil lev- el
CZJA	R4	2.0	TDI com- mon rail	140 4200	400 1750- 4200	Tooth- ed belt	95.50 0	81.00 0	15.50	10	0	18
CZVA	V6	3.0	TDI com- mon rail	160 4000	500 1250- 3200	Chain	91.40 0	83.00 0	16.00	99	0	13
CZVB	V6	3.0	TDI com- mon rail	160 4000	400 1250- 3200	Chain	91.40 0	83.00 0	16.00	99	0	13
CZVC	V6	3.0	TDI com- mon rail	155 4000	500 1250- 3200	Chain	91.40 0	83.00 0	16.00	99	0	13
CZVD	V6	3.0	TDI com- mon rail	155 4000	400 1250- 3200	Chain	91.40 0	83.00 0	16.00	99	0	13
CZVF	V6	3.0	TDI com- mon rail	140 2750- 5000	500 1250- 2500	Chain	91.40 0	83.00 0	16.00	99	0	13
DDCA	R4	2.0	TDI com- mon rail	100 2750- 4400	350 1500- 2750	Tooth- ed belt	95.50 0	81.00 0	16.20	10	0	18
DDCB	R4	2.0	TDI com- mon rail	110 3000- 4200	350 1500- 3000	Tooth- ed belt	95.50 0	81.00 0	16.20	10	0	18
DDDA	R4	2.0	TDI com- mon rail	140 3800- 4200	400 1750- 3000	Tooth- ed belt	95.50 0	81.00 0	15.50	10	0	18

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